

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032007.D
 Acq On : 05 Aug 2025 11:33
 Operator : SY/MD
 Sample : VW0805SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 03:52:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	231820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	413781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	373116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	163226	46.545	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.080%
35) Dibromofluoromethane	7.898	113	138105	49.118	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.240%
50) Toluene-d8	10.325	98	526339	49.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.617	95	201867	49.403	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26850	15.584	ug/l	99
3) Chloromethane	2.253	50	37353	16.891	ug/l	99
4) Vinyl Chloride	2.405	62	50285	17.505	ug/l	100
5) Bromomethane	2.814	94	37603	17.776	ug/l	92
6) Chloroethane	2.966	64	34329	18.106	ug/l	96
7) Trichlorofluoromethane	3.302	101	43416	14.922	ug/l	96
8) Diethyl Ether	3.716	74	33554	17.264	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	50956	18.208	ug/l	96
10) Methyl Iodide	4.301	142	74174	17.727	ug/l	98
11) Tert butyl alcohol	5.216	59	17673	85.734	ug/l	98
12) 1,1-Dichloroethene	4.076	96	55910	18.087	ug/l	92
13) Acrolein	3.929	56	14822	43.671	ug/l	95
14) Allyl chloride	4.698	41	82221	17.087	ug/l	99
15) Acrylonitrile	5.399	53	76492	88.031	ug/l	99
16) Acetone	4.161	43	85314	102.521	ug/l	96
17) Carbon Disulfide	4.417	76	136426	17.018	ug/l	100
18) Methyl Acetate	4.710	43	37454	16.337	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	99194	18.572	ug/l	99
20) Methylene Chloride	4.941	84	67083	15.650	ug/l	92
21) trans-1,2-Dichloroethene	5.447	96	58320	17.782	ug/l	98
22) Diisopropyl ether	6.338	45	177930	18.479	ug/l	98
23) Vinyl Acetate	6.283	43	552729	87.866	ug/l	100
24) 1,1-Dichloroethane	6.240	63	108653	18.124	ug/l	99
25) 2-Butanone	7.191	43	98164	86.216	ug/l	98
26) 2,2-Dichloropropane	7.185	77	61089	17.999	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	70439	18.269	ug/l	99
28) Bromochloromethane	7.526	49	44556	17.751	ug/l	93
29) Tetrahydrofuran	7.551	42	64722	86.702	ug/l	99
30) Chloroform	7.691	83	119267	18.974	ug/l	100
31) Cyclohexane	7.965	56	92956	17.283	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	90143	18.846	ug/l	96
36) 1,1-Dichloropropene	8.093	75	80803	18.713	ug/l	99
37) Ethyl Acetate	7.270	43	43965	17.849	ug/l	97
38) Carbon Tetrachloride	8.081	117	78775	19.009	ug/l	99
39) Methylcyclohexane	9.337	83	95508	17.576	ug/l	99
40) Benzene	8.337	78	250934	19.632	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032007.D
 Acq On : 05 Aug 2025 11:33
 Operator : SY/MD
 Sample : VW0805SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 03:52:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	25435	17.250	ug/l	95
42) 1,2-Dichloroethane	8.410	62	77461	18.935	ug/l	99
43) Isopropyl Acetate	8.435	43	81363	18.246	ug/l	98
44) Trichloroethene	9.099	130	57534	18.937	ug/l	94
45) 1,2-Dichloropropane	9.374	63	59322	19.271	ug/l	98
46) Dibromomethane	9.465	93	37171	19.479	ug/l	100
47) Bromodichloromethane	9.648	83	88157	19.266	ug/l	99
48) Methyl methacrylate	9.441	41	38290	18.049	ug/l	98
49) 1,4-Dioxane	9.465	88	9849	517.251	ug/l #	84
51) 4-Methyl-2-Pentanone	10.209	43	227268	93.127	ug/l	99
52) Toluene	10.392	92	159560	19.419	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	79652	18.147	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	93528	18.658	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	50154	19.786	ug/l	99
56) Ethyl methacrylate	10.648	69	65830	18.389	ug/l	97
57) 1,3-Dichloropropane	10.934	76	87735	19.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	166033	90.294	ug/l	100
59) 2-Hexanone	10.971	43	147545	86.979	ug/l	99
60) Dibromochloromethane	11.129	129	56086	18.978	ug/l	99
61) 1,2-Dibromoethane	11.239	107	47610	19.009	ug/l	98
64) Tetrachloroethene	10.867	164	46354	18.843	ug/l	93
65) Chlorobenzene	11.654	112	171326	18.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	55200	19.499	ug/l	95
67) Ethyl Benzene	11.727	91	297186	18.523	ug/l	100
68) m/p-Xylenes	11.843	106	232994	38.575	ug/l	97
69) o-Xylene	12.166	106	106238	18.586	ug/l	98
70) Styrene	12.178	104	188290	19.347	ug/l	99
71) Bromoform	12.349	173	29762	19.223	ug/l #	100
73) Isopropylbenzene	12.458	105	273618	17.368	ug/l	99
74) N-amyl acetate	12.269	43	73711	17.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	60202	18.003	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	43559m	17.376	ug/l	
77) Bromobenzene	12.745	156	61600	18.072	ug/l	97
78) n-propylbenzene	12.800	91	350340	18.106	ug/l	99
79) 2-Chlorotoluene	12.891	91	207680	17.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	235094	17.793	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	17347	15.976	ug/l #	88
82) 4-Chlorotoluene	12.983	91	220301	18.177	ug/l	99
83) tert-Butylbenzene	13.202	119	200463	17.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	241753	18.077	ug/l	99
85) sec-Butylbenzene	13.379	105	302155	17.877	ug/l	99
86) p-Isopropyltoluene	13.495	119	251823	18.026	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	129325	18.226	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	127089	18.284	ug/l	98
89) n-Butylbenzene	13.818	91	241284	17.606	ug/l	98
90) Hexachloroethane	14.086	117	42168	17.456	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	116132	18.468	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10152	16.804	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	67311	17.749	ug/l	93
94) Hexachlorobutadiene	15.226	225	31000	17.251	ug/l	97
95) Naphthalene	15.360	128	158217	16.970	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	60036	17.473	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032007.D
Acq On : 05 Aug 2025 11:33
Operator : SY/MD
Sample : VW0805SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0805SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 03:52:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

